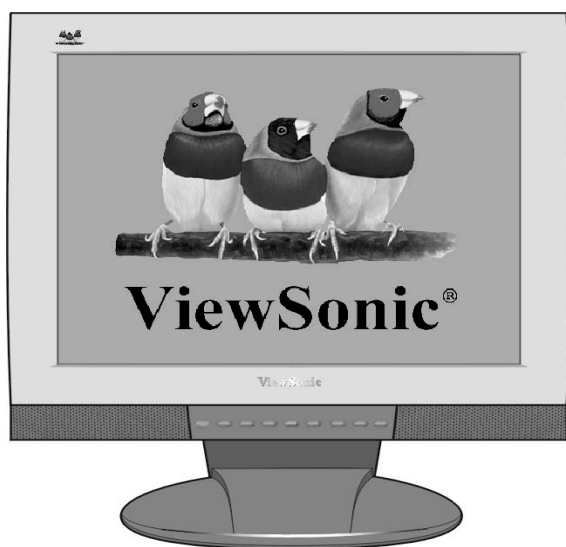


ViewSonic®

N1700w



Full 17.0" Wide Diagonal Viewable Screen

NexTVision LCD Display

User Guide

Guide de l'utilisateur

Bedienungsanleitung

Guía del usuario

Guida dell'utente

Guia do Usuário

Användarhandbok

Käyttöopas

Руководство пользователя

ユーザース ガイド

使用手冊

使用手冊

사용자 안내서

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Product Registration

To meet your future needs, and to receive any additional product information as it becomes available, please register your product on the Internet at: **www.viewsonic.com**. The ViewSonic® Wizard CDROM also provides an opportunity for you to print the registration form, which you may mail or fax to ViewSonic.

For Your Records

Product Name: ViewSonic N1700w
Model Number: VLCDS24517-1W
Serial Number:
Purchase Date:

Product disposal at end of product life

ViewSonic is concerned about the preservation of our environment. Please dispose of this product properly at the end of its useful life. Your local waste disposal company may provide information about proper disposal.

Getting Started

Congratulations on your purchase of a ViewSonic® NexTVision® display. **Important!** Save the original box and all packing material for future shipping needs.

The NexTVision line of displays is the next innovation from ViewSonic. Through the use of the new VXP port (located on the rear of the monitor) numerous expansion options are available for your NexTVision display.

Package Contents

Your NexTVision package includes:

- NexTVision N1700w Display
- Remote Control (included battery)
- US Power cord
- Schuko (Europe) Power cord
- Analog VGA Video Cable
- Audio cable (stereo mini jack)
- AC/DC Adapter
- ViewSonic Wizard CD-ROM and Quick Start Guide
- The package may also include a VXP Adapter depending on region of purchase

NOTE: The ViewSonic Wizard CD includes the User Guide PDF files and INF/ICM display optimization files. The INF file ensures compatibility with Windows operating systems, and the ICM file (Image Color Matching) ensures accurate on-screen colors. ViewSonic recommends that you install both files.

Precautions

-
- | | |
|--|---|
| <ul style="list-style-type: none">• Sit at least 18" from your NexTVision display.• Avoid touching the screen. Skin oils are difficult to remove.• Never remove the rear cover. Your NexTVision display contains high-voltage parts. You may be seriously injured if you touch them.• Avoid exposing your NexTVision display to direct sunlight or another heat source. Orient your NexTVision display away from direct sunlight to reduce glare.• Always handle your NexTVision display with care when moving it. | <ul style="list-style-type: none">• Place your NexTVision display in a well ventilated area. Do not place anything on your NexTVision display that prevents heat dissipation.• Ensure the area around the NexTVision display is clean and free of moisture.• Do not place heavy objects on the NexTVision display, video cable, or power cord.• If smoke, abnormal noise, or strange odor is present, immediately switch the NexTVision display off and call your dealer or ViewSonic. It is dangerous to continue using the NexTVision display. |
|--|---|
-

Quick Installation

1 Remove two rear panel covers

2 Connect power cord and AC/DC adapter

3 Connect video cable

- Make sure both the LCD display and computer are turned OFF
- Connect the video cable from the LCD display to the computer
- *Macintosh users:* Models older than G3 require a Macintosh adapter. Attach the adapter to the computer and plug the video cable into the adapter. To order a ViewSonic® Macintosh adapter, contact ViewSonic Customer Support.

4 Turn ON LCD display and computer

Turn ON the LCD display, then turn ON the computer.

NOTE: Windows users may receive a message asking them to install the INF file. This is on the CD.

5 Insert the ViewSonic Wizard CD into the computer's CD drive.

Follow the on-screen instructions. If your computer does not have a CD-ROM drive, see "Customer Support."

(1) Wait for the CD-ROM to auto-start.

NOTE: If the CD-ROM does not auto-start: double-click on the CD-ROM icon in the Windows Explorer, then double-click on **viewsonic.exe**.

(2) Follow the on-screen instructions.

6 Audio Installation (optional)

- Speakers Connect the audio cable (line color) to the AUDIO OUT port of your computer's sound card, then to the LCD display's AUDIO IN (line color) port (see illustration below).

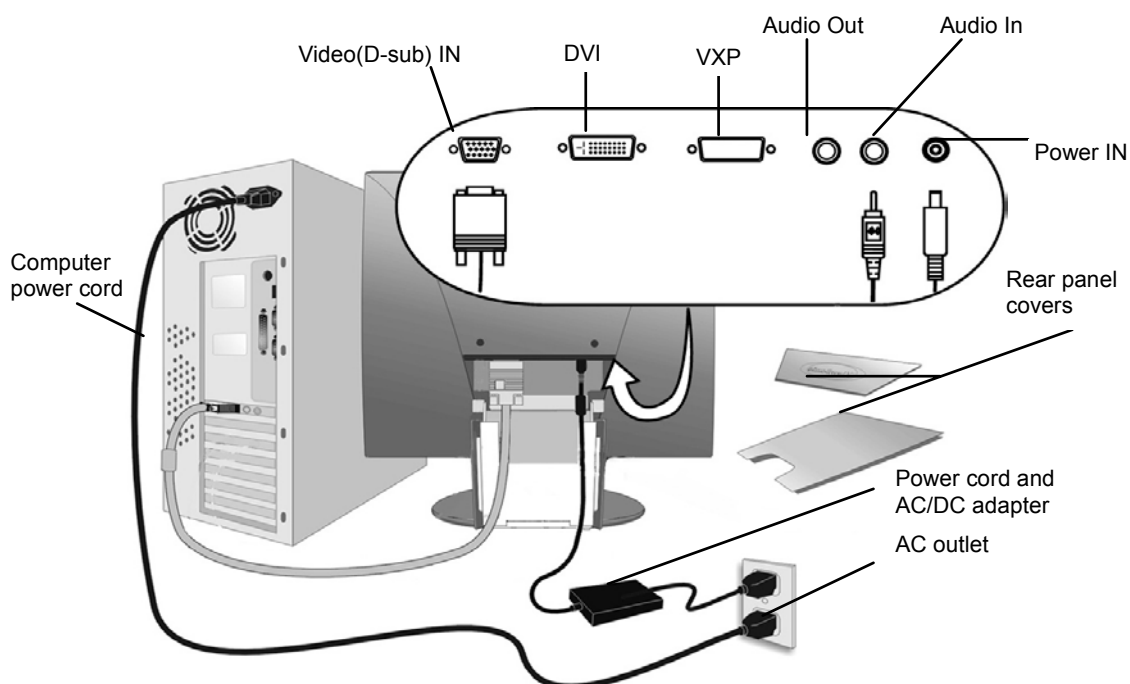
7 Windows users: Set the timing mode (resolution and refresh rate)

Example: 1280 x 768 @ 60 Hz.

For instructions on changing the resolution and refresh rate, see the graphic card's user guide.

8. Installation is complete. Enjoy your new ViewSonic, LCD display.

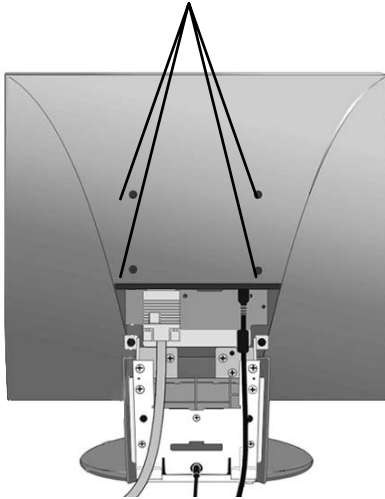
You can register your product online at the website for your region. See the Customer Support table in this guide. (page 32)



Installation of Wall Mount (Optional)

To obtain a wall-mounting kit, contact ViewSonic or your local dealer. Refer to the instructions that come with the Wall Mount kit. To convert your Display from a desk-mounted to a wall-mounted display, do the following:

Four screw holes for wall mount



1. Disconnect Power.
2. Lay the Display face down on a towel or blanket.
3. Remove the 4 screws holding the desk mount
4. Remove the four rubber plugs shown
5. Attach the mounting bracket from the VESA compatible wall mounting kit (100 mm x 100 mm size).
6. Attach the Display to the wall, following the instructions in the wall-mounting kit.

Using the Display (PC)

Setting the Timing Mode (PC RGB Input)

Setting the timing mode is important for maximizing the quality of the screen image and minimizing eye strain. The **timing mode** consists of the **resolution** (example 1280 x 768) and **refresh rate** (or vertical frequency; example 60 Hz). After setting the timing mode, use the OSD controls to adjust the screen image.

NOTE: For the best picture quality set your NexTVision[®] display timing mode to: **1280 x 768 @ 60Hz**.

To set the Timing Mode:

1. Set the resolution: Right-click on the Windows desktop > Properties > Settings > set the resolution.
2. Set the refresh rate: See your graphic card's user guide for instructions.

WARNING: Do not set the graphics card in your computer to exceed the maximum refresh rate of 75Hz; doing so may result in permanent damage to your Display.

Connecting AV or adding a TV tuner

Your NexTVision Display is compatible with most AV devices by way of the innovative VXP port. (As like follow VXP25 figure).

Depending on where purchased, your display may already include a VXP TV Module or VXP Video Adapter Module that allows connection to most AV Devices. These modules may also be purchased separately, please contact ViewSonic for more information (www.viewsonic.com).

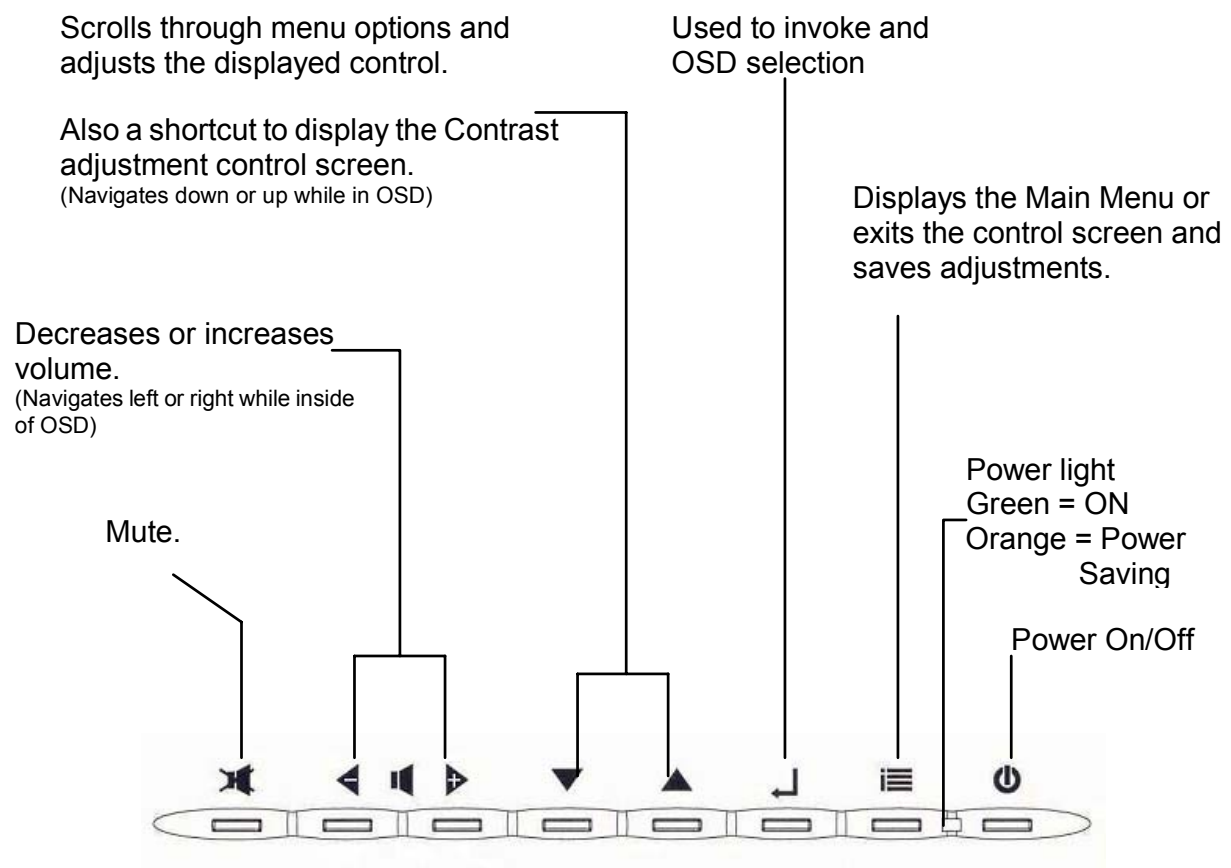
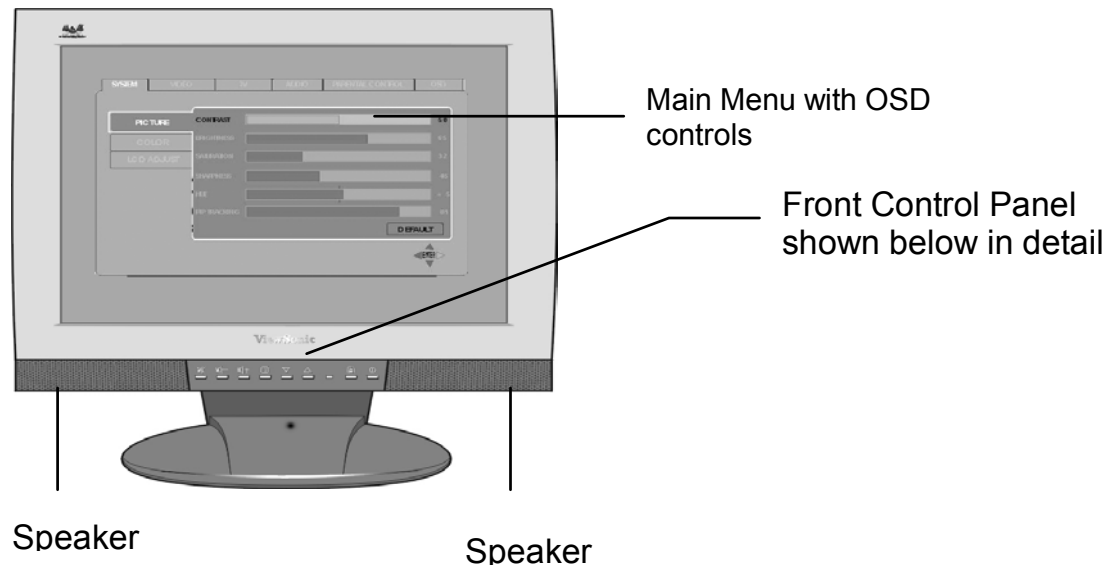
Further detail about AV connections are available within the package of the VXP adapter included.



VXP25 figure

Adjusting the Screen Image

Use the buttons on the front control panel (or included remote control) to display and adjust the On Screen Display (OSD) controls which display on the screen. The OSD controls are explained at the top of the next page and are defined in “Main Menu Controls” on page 12.



Shortcuts

Shortcuts allow quick access to commonly used functions without navigating through the OSD. The following shortcuts are available:

Button Combinations	Function
[RIGHT] + [DOWN] (Hold for 0.5 Sec)	AUTO TUNE. Automatically adjusts Image Size, Position, and Phase.
[MUTE] + [RIGHT] + [DOWN] (Hold for 3.0 Sec)	FULL RESET.
[MENU] + [LEFT]	OSD LOCK TOGGLE.
[MENU] + [RIGHT]	POWER LOCK.
[ENTER] (When OSD NOT ACTIVE)	Input Select. Jumps directly to next Input.
[RIGHT] (When OSD NOT Active)	VOLUME DOWN
[LEFT] (When OSD NOT ACTIVE)	VOLUME UP
[UP] (When OSD NOT ACTIVE)	Channel UP (only when VXP TV Tuner Adapter is present)
[DOWN] (When OSD Not Active)	Channel DOWN (only when VXP TV Tuner Adapter is present)

Remote Controls

Included with the N1700w Display is a credit card sized remote control. It allows easy adjustment of all available options. Additionally, when a VXP compatible adapter is installed, further utility is gained from the remote by allowing easy access to commonly used functions.

The Remote Control is compatible with the display from up to 5m distance.

POWER: Turn Power On/Off

RECALL: Recall previous channel*

POP: Display TV Multi-Window*

PIP: Display Video Window over Data. Press to toggle between PIP window Sizes.*

INPUT: Press to cycle among all available Inputs.
**

Channel: Press to change Channel*

Volume: Press to modify audio volume level.

MUTE: Press to MUTE the built-in speakers.

SEL : Channel select confirmation.

Enter: OSD confirmation key

ZOOM: Press to ZOOM (Magnify) the current screen.

FREEZE: Press to 'FREEZE' the Current screen.

MENU: Press to call the OSD. Press to back up a 'level' in the OSD structure. Press to exit the OSD.

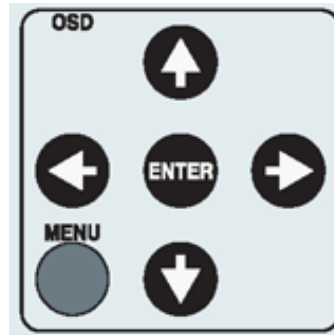
‘**’ Requires a compatible VXP adapter to function.

‘***’ Additional inputs are available with compatible VXP adapter.



To adjust the screen image:

1. To display the OSD main menu, press button  of front bezel or the MENU key of the remote controller. User can use the four arrow keys to move the marker. Pressing MENU key when in the menu shall exit the OSD menu.



NOTE: All OSD menus and adjustment screens Time-out automatically after about 30 seconds.

2. The OSD is organized into “TABS” and “PAGES” pressing ← or → scrolls through TABS. Pressing ↑ or ↓ navigates through the Pages.
3. After a page is selected, press button [Enter]. A control screen like the one shown below appears.



4. To save the adjustments and exit the marker, press button [Enter].

The following tips may help you optimize your display:

- Adjust your computer's graphic card so that it outputs a video signal 1280 x 768@ 60 Hz to the Display. (Look for instructions on “changing the refresh rate” in your graphic card's user guide.)
- If necessary, make small adjustments using H POSITION and V POSITION until the screen image is completely visible. (The black border around the edge of the screen should barely touch the illuminated “active area” of the NexTVision® display.)

Main Menu Controls

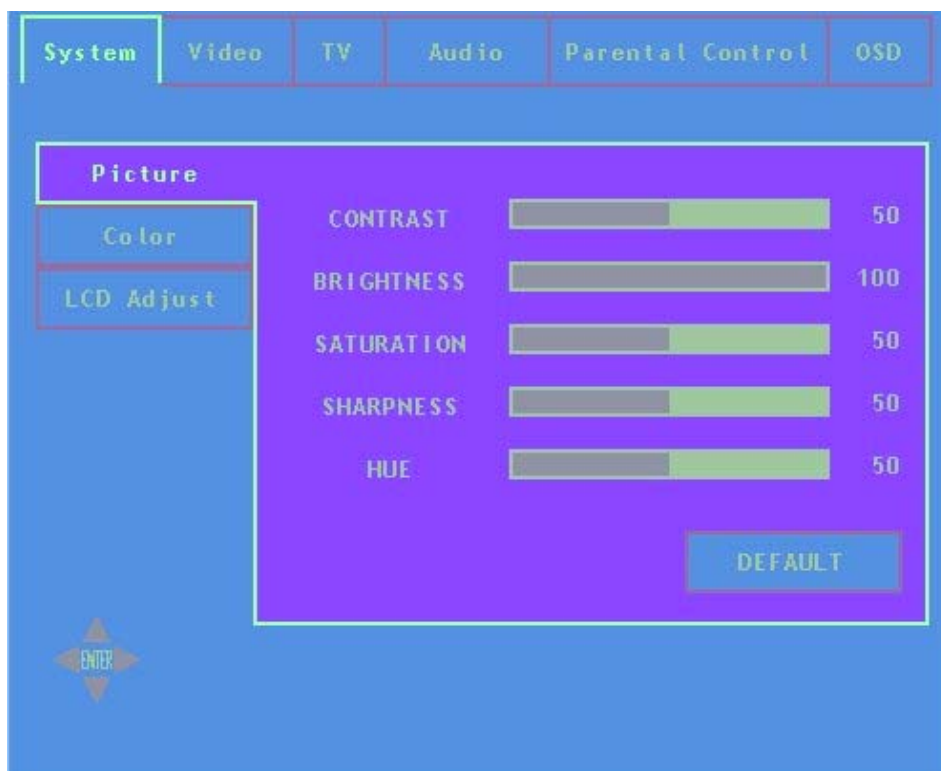
Function tabs include System, Video, TV, Audio, Parental Control and OSD.

The selected Tab (Ex: SYSTEM is shown) is divided into 'pages' with that include multiple functions. (Ex: PICTURE PAGE is shown)

Each page shall have items that may be adjusted (Contrast being shown below).

Note that the MARKER can be moved across the MAIN tabs horizontally. Once a tab is selected by pressing ENTER then the sub tabs shall be displays. Please adjust the menu items shown below by using the up ↑ and down ↓ buttons.

System Tab



Picture Page

The Picture page allows adjustment or picture related items.

- ↑ and ↓ shall be used to navigate across the vertical tabs (Contrast, Brightness, etc).
- Pressing ENTER shall invoke the selection (Contrast is shown).
- ← and → keys shall be used to change the selected bar's value.
- Time out or MENU shall exit the OSD.

Function	Explanation
CONTRAST	Adjusts the Contrast ratio of the image.
BRIGHTNESS	Adjusts the backlight (brightness) of the monitor.
SATURATION	Adjusts the VIDEO COLOR SATURATION Level. a. This control is "Disabled" when a Full Screen PC Source is displayed. b. If a Full Screen PC Source and Video PIP is present, the control shall only affect the PIP. c. Only present if compatible VXP adapter is detected.
SHARPNESS	For Full Screen Video adjusts the Video SHARPNESS. a. Has no effect on Full Screen PC Source. b. If PC + PIP Window, only affects PIP Source. c. Only present if compatible VXP adapter is detected
Hue	Adjusts the VIDEO HUE Level. Only affects Full Screen Video and PIP Video Only. a. When FULL SCREEN PC is displayed, control shall be grayed out. b. Only present if compatible VXP adapter is detected.
DEFAULT	Shall restore all functions to the factory default.



Color Page

- ↑ and ↓ shall be used to navigate across the vertical tabs (9300K, 6500K, etc).
- Pressing enter shall activate the selection.
- Time out or MENU shall exit the OSD.

Function	Explanation
DEFAULT / 9300K / 6500K / 5000K / User Color	This control shall set the apparent “White” point of all displayed images. - DEFAULT = Hi-Brightness 9300K = PRESET WHITE POINT. More blue bias. 6500K = PRESET WHITE POINT. “TV” standard color 5000K = PRESET WHITE POINT. More “Red” bias.
DEFAULT	Resets the panel Color Temperature to “DEFAULT”.

These settings will be ‘remembered’ based on each active video input.



LCD Adjust Page

- ↑ and ↓ shall be used to navigate across the vertical tabs (H. Size, H. Position, etc).
- Pressing enter shall invoke the selection (H. Size is shown)
- ← and → keys shall be used to change the selected bar's value.
- Time out or MENU shall exit the OSD.

Function	Explanation
H SIZE	Allows the adjustment of Horizontal Size of the image. Normally not required to adjust as the monitor will automatically catch the correct setting.
H POSITION	Allows the adjustment of the Horizontal Position of the image. Normally not required to adjust as the monitor will automatically catch the correct setting.
V POSITION	Allows the adjustment of the Vertical Position of the image. Normally not required to adjust as the monitor will automatically catch the correct setting.
FINE TUNE	Allows the adjustment of random horizontal noise in the image. Normally not required to adjust as the monitor will automatically catch the correct setting.
SMOOTHING	When the monitor is displaying a non-native (1280*768) signal. This control allows a Trade-ff between "smooth fonts" For Full Screen PC Source, acts as a 'resolution smoothing' filter for non-native resolution. (i.e. 640*480, 1024*768) There is 5 Settings to this Filter when in PC mode. 0 is no filtering, 5 is maximum filtering (more Blurry, but more filtering)
AUTOSYNC	Attempts to automatically fine tune. The image for best picture quality. For best result set display card to 1280*768@60Hz.
DEFAULT	Restores all settings to default.

VIDEO Tab



Settings Page

- ↑ and ↓ keys shall be used to navigate to the selection (Off, 15 minutes, etc.)
- Pressing enter shall invoke the selection (Off is shown)
- Time out or MENU shall exit the OSD..

Function	Explanation
SLEEP	Allows the user to select a preset amount of time before the system turns itself 'OFF" and put the monitor into DPMS State. Requires connection of compatible VXP adapter.
Closed Caption	Allows the user to select the type of closed caption required. Requires connection of compatible VXP adapter.
PIP Source	Defines the source from where the PIP is to be displayed when activated by the Remotes "PIP" button. Requires connection of compatible VXP adapter.
DEFAULT	Returns this page back to factory default settings.



Image Scale Page

- ← and → shall be used to navigate across the horizontal tabs (Scale Mode and Aspect Ratio).
- ↑ and ↓ keys shall be used to navigate to the selection (Full Scan, 1:1, etc.)
- Pressing enter shall invoke the selection (1:1 is shown)
- Time out or MENU shall exit the OSD.

Function	Explanation
SCALE MODE	- These checkboxes determine how an incoming PC or video signal is scaled to be displayed on a panel. - Full Screen = Displays the incoming signal and scales the image to use ALL available pixels on the screen. 1:1 = Displays the image in it's 'native' resolution using exactly a one to one correspondence in input vs. output pixels. A "Black Box" shall surround all non-used pixels. - Aspect Ratio = Scales the image as large as possible, but maintain the signal's correct aspect ratio. Non-used area of the screen shall be 'black-boxed'
DEFAULT	Restores all controls to factory default.

TV Tab *(Requires connection of compatible VXP Adapter)*



Setup Page

- ← and → shall be used to navigate across the available options (Tuner Input, Channel Setup and Add/Erase Channel).
- ↑ and ↓ keys shall be used to navigate to the selection (Antenna, CATV, HRC, etc.).
- Pressing enter shall invoke the selection (Antenna is shown).
- Time out or MENU shall exit the OSD.

Function	Explanation
CHANNEL	CHANNEL : XXX YYYYYY . This is informational Text displaying the current channel (XXX) and Current Channel Label (YYYYYY) if any.
TUNER INPUT	Allows the user to select the type of signal applied to the TV INPUT. 1. Only one box (ANTENNA, CATV, HRC, IRC) shall be selectable at a time. 2. This controls options will vary by region.
AUTO SCAN	If selected, initiates a Channel AutoScan. The Monitor shall scan and find all 'active' channels.
ADD/ERASE CHANNEL	Allows the user to add/erase the current channel (Displayed as static text on top of page) to the internal database of active channels.
DEFAULT	Restores all controls to default.



Channel Label Page

- ←, →, ↑ and ↓ shall be used to navigate across the text field
- Pressing enter to invoke the character selection
- Navigate to DELETE and press enter to remove the last entered text
- Navigate to END and press enter to save and exit
- Time out or MENU shall exit the OSD

This page allows the user to enter in the current channel's 5-Character label. When user clicks "ADD" the process is complete and the cursor shall jump back to "CHANNEL LABEL" tab.

Note: Only present if VXP TV Adapter or similar adapter is detected.

Audio Tab



Audio Setup Page

- ↑ and ↓ shall be used to navigate across the vertical items (Bass, Treble, Balance and MTS/Audio Select)
- ← and → keys shall be used to change the selected bar's value (Bass is shown)
- When the pointer is at MTS or Audio Select
- ← and → keys shall be used to navigate across the horizontal items (MTS and Audio Select)
- ↑ and ↓ keys shall be used to navigate to the selection (Stereo, Mono, SAP, etc.)
- Pressing enter shall invoke the selection.
- Time out or MENU shall exit the OSD.

Function	Explanation
BASS	Audio BASS Control. Range of this control – 50 to +50 with 0 being (Default).
TREBLE	Audio Treble Control. Range of this control – 50 to +50 with 0 being (Default) .
BALANCE	Audio Balance Control. Range of this control – 50 to +50 with 0 being Nominal (Default) and Middle value.
MTS	Checkbox. Allows selecting MTS Mode, Stereo, Mono, or SAP. May vary by region. Requires a compatible VXP adapter to be detected.

AUDIO SELECT	This selection allows the active audio source to be selected from the main window (AUTO – DEFAULT) or PIP. Selecting PIP allows the user to use his PC, but listen to audio from the PIP. Requires a compatible VXP adapter and PIP to be available.
Audio Feedback	Disables or Enables the “Beep” sound associated with pressing each touch sensitive key. Default = ENABLED
DEFAULT	Restores this pages controls factory default settings:

Parental Control Tab

(Requires compatible VXP adapter and compatible content. May not work in all areas)



Parental Control Page

- → to enter password field
- Enter the password and press ENTER (unlock the parental control selections)

Function	Explanation
PARENTAL CONTROL	RADIO CONTROL, toggles between ON/OFF state. If ON, Password is required to modify.
TV – RATING	Allows the user to select the TV Rating of the Parental Control function. Programs failing this test are ‘blue-screened’ out, with a message stating that the rating has exceeded the requirement.
WARNING THE CONTENT CURRENTLY BEING DISPLAYED IS RATED _____. THE CURRENT PARENTAL CONTROL ALLOWS FOR VIEWING OF _____ CONTENT. THIS EXCEEDS THE SELECTED RATING OF THE PARENTAL CONTROL FUNCTION AND HAS BEEN BLOCKED. TO UNBLOCK, ENTER IN PASSWORD TO BYPASS FOR THIS INSTANCE ONLY. PLEASE CHANGE CHANNELS OR SELECT ALTERNATE VIDEO SOURCE TO VIEW DIFFERENT CONTENT. PASSWORD: ****	
MOVIE RATING	Allows the user to select the movie rating of the Parental Control Connection.



Password Page

- → to the old password field; enter the old password and press ENTER.
- Cursor will jump to the new password field; enter the new password and press ENTER.
- Reconfirm the new password and press ENTER.
- Completion of process shall exit the screen and save the new data.
- Time out or MENU shall exit the OSD without saving any entered values.

Function	Explanation
Passwords	Passwords are 4 Digits, and consist of numeric characters only entered in via the Remote Control only. • An entered password mismatch between the “NEW” Password and “CONFIRM PASSWORD” shall be rejected with the password error message. • An incorrect password for the “OLD PASSWORD” Field shall be rejected with the password error message.



OSD Tab



System Info Page

- ↑ and ↓ shall be used to navigate across the vertical page (H Position, V Position and Transparency).
 - Time out or MENU shall exit the OSD.
- This screen has no area for user operation, it is for informational purposes only and displays current system status information.

Function	Explanation
SYSTEM INFO	This screen shall display: - SOURCE: Active Source for which the main window is being displayed. - CURRENT RESOLUTION - Horizontal Frequency, measured in Khz in the format XX.X Khz - Vertical Frequency, measured in Hz in the format XX.X Hz. - PIP Active Source. If no active PIP source this field shall return "NONE". - TYPE OF RF Signal. "CATV", "HRC", "ANT", etc. - Current Channel - Rating: Should display the current program's rating. If none, display "NONE". - Audio Status. Valid values are "STEREO", "MONO", "SAP", or others depending on region. - Closed Captioning Status. Valid Values "ON" or "OFF" - SLEEP TIMER: Either "OFF" or the Number of Minutes before shutdown. - VXP: Either "DETECTED" or "NONE" or "ERROR"



Setup Page

- ↑ and ↓ shall be used to navigate across the vertical items
 - Pressing enter shall invoke the selection
 - Time out or MENU shall exit the OSD.
- This screen defines parameters having to deal with the MAIN on-screen display.

Function	Explanation
H. POS	Defines the Horizontal Position of the OSD. Values from 0 (Far Left) to 100 (Far Right)..
V. POS	Defines the Vertical Position of the OSD. Values from 0 (Far Left) to 100 (Far Right).
BRIGHTNESS RATIO	Provides automatic Regional Brightness control (PIP or Full Screen), that enables a video window (any size) to be brighter than the PC-data window. This is the ratio between the two brightness levels (Video and Data) to maintain. Requires connection of compatible VXP adapter.
DEFAULT	Restores factory default settings.



Language Page

- ↑ and ↓ shall be used to navigate across the vertical items (English, Spanish, etc.).
 - Pressing enter shall invoke the selection (English is shown).
 - Time out or MENU shall exit the OSD.
- Languages shall be defined by each region.

Function	Explanation
LANGUAGE	Shall select among available languages.
DEFAULT	Shall restore language to the “First” option (i.e. English in the above Example).

OSD and Power Lock Settings

1. **OSD LOCK TOGGLE** – [MENU] + [LEFT] Press and Hold for 5 Seconds.
When successful, the following message shall appear. This message shall appear for 10 seconds, then automatically be dismissed. At which point, the main OSD (only) shall be disabled. To Re-enable, the user must again press this key combination.



2. **POWER LOCK** – [MENU] + [RIGHT] Press and Hold for 5 Seconds.
When successful, if power is 'lost' (i.e. Pull the plug), the monitor shall automatically turn back on and return to it's prior and exact upon restoration of power. An Indication message will appear as follows:



Applicable values for XXX = " ON" (note Leading Space), and "OFF" depending on the current state of this feature.

Other Information

Specifications

LCD	Type	17" (full 17" viewable diagonal area), TFT (Thin Film Transistor), Active Matrix WXGA LCD, 1280*768 RGB vertical stripe
	Color Filter	Anti-Glare
Viewing angles	Horizontal	160°
	Vertical	160°
Input signal	Video Sync	RGB analog or digital DVI Separate Sync f _h :30-82 kHz, f _v :50-75 Hz
Compatibility	PC	Up to 1280 x 1024 Non-interlaced (1280*768 preferred)
	Macintosh ¹	Power Macintosh up to 1280 x 1024 (1280*768 preferred)
Resolution	Supported	1280 x 768 @ 60 Hz 1024 x 768 @ 60, 75 Hz 800 x 600 @ 60, 75 Hz 640 x 480 @ 60, 75 Hz 720 x 400 @ 70 Hz
	Recommended	1280 x 1024 @ 60, 75 Hz
Power	Voltage	100-240 VAC, 50/60 Hz (auto switch), 12V DC, 6.8A
Operating conditions	Temperature	32° F to + 104° F (0° C to + 40° C)
	Humidity	10% to 90% (no condensation)
	Altitude	To 10,000 feet
Storage conditions	Temperature	-4° F to + 140° F (-20° C to + 60° C)
	Humidity	10% to 90% (no condensation)
	Altitude	To 40,000 feet
Dimensions	Physical	431 mm (W) x 414 mm (H) x 172 mm (D) 17.0" (W) x 16.3" (H) x 6.7" (D)
Weight	Net	12.3 lb (5.6kgs)
Regulations		FCC-B, CE, BSMI, CCC, C-Tick, UL, c-UL, SEMKO, NEMKO, DEMKO, FIMKO, TUV/GS, EPA Energy Star, TCO99, VCCI, CB
Power saving modes	On	Normal (green LED)
	Active Off	<5W (orange LED)

¹ Macintosh computers older than G3 require a ViewSonic®, Macintosh adapter. To order an adapter, contact ViewSonic.

Troubleshooting

No power

- Make sure power button (or switch) is ON.
- Make sure A/C power cord is securely connected to the DC power supply and the power supply is firmly connected to the Display.
- Plug another electrical device (like a radio) into the power outlet to verify that the outlet is supplying proper voltage.

Power is ON but no screen image

- Make sure the video cable supplied with the Display is tightly secured to the video output port on the back of the computer. If the other end of the video cable is not attached permanently to the Display, tightly secure it to the NexTVision display.
- Adjust brightness and contrast.
- If you are using an Macintosh older than G3, you need a Macintosh adapter.

Wrong or abnormal colors

- If any colors (red, green, or blue) are missing, check the video cable to make sure it is securely connected. Loose or broken pins in the cable connector could cause an improper connection.
- Connect the Display to another computer.

Control buttons do not work

- Press only one button at a time.

VXP problems

- The VXP adapter must be plugged in when the display is turned on. It is not "hot-pluggable".

Customer Support

For technical support or product service, see the table below or contact your reseller.

NOTE: You will need the product serial number.

Country/ Region	Web site	T = Telephone F = FAX	Email
United States	viewsonic.com/ support	T: (800) 688-6688 F: (909) 468-1202	service.us@viewsonic.com
Canada	viewsonic.com/ support	T: (800) 688-6688 F: (909) 468-1202	service.ca@viewsonic.com
United Kingdom	viewsoniceurope.com	T: 0800 833 648 F: (01293) 643910	service.eu@viewsoniceurope.com
Europe, Middle, East, Baltic, countries, and North Africa	viewsoniceurope.com	Contact your reseller	service.eu@viewsoniceurope.com
Australia and New Zealand	viewsonic.com.au	T: +61 2 9929 3955 F: +61 2 9929 8393	service.au@viewsonic.com
Singapore/India and Southeast Asia	viewsonic.com.sg	T: 65 273 4018 F: 65 273 1566	service.sg@viewsonic.com
Other Asia/Pacific countries	viewsonic.com.tw	T: 886 2 2246 3456 F: 886 2 8242 3668	service.ap@viewsonic.com
South Africa	viewsonic.com/asia	T: 886 2 2246 3456 F: 886 2 8242 3668	service.ap@viewsonic.com

Cleaning the Display

- MAKE SURE THE DISPLAY IS TURNED OFF.
- NEVER SPRAY OR POUR ANY LIQUID DIRECTLY ONTO THE SCREEN OR CASE.

To clean the screen:

1. Wipe the screen with a clean, soft, lint-free cloth. This removes dust and other particles.
2. If still not clean, apply a small amount of non-ammonia, non-alcohol based glass cleaner onto a clean, soft, lint-free cloth, and wipe the screen.

To clean the case:

1. Use a soft, dry cloth.
2. If still not clean, apply a small amount of a non-ammonia, non-alcohol based, mild non-abrasive detergent onto a clean, soft, lint-free cloth, then wipe the surface.

Disclaimer

ViewSonic does not recommend the use of any ammonia or alcohol-based cleaners on the Display screen or case. Some chemical cleaners have been reported to damage the screen and/or case of the Display.

ViewSonic will not be liable for damage resulting from use of any ammonia or alcohol-based cleaners.

Limited Warranty

VIEWSONIC LCD Multimedia Display

What the warranty covers:

ViewSonic warrants its products to be free from defects in material and workmanship during the warranty period. If a product proves to be defective in material or workmanship during the warranty period, **ViewSonic** will, at its sole option, repair or replace the product with a like product. Replacement product or parts may include remanufactured or refurbished parts or components.

How long the warranty is effective:

ViewSonic® LCD displays are warranted for one (1) year for all parts including the light source and one (1) year for all labor from the date of the first consumer purchase.

Who the warranty protects:

This warranty is valid only for the first consumer purchaser.

What the warranty does not cover:

1. Any product on which the serial number has been defaced, modified or removed.
2. Damage, deterioration or malfunction resulting from:
 - a. Accident, misuse, neglect, fire, water, lightning, or other acts of nature, unauthorized product modification, or failure to follow instructions supplied with the product.
 - b. Repair or attempted repair by anyone not authorized by **ViewSonic**.
 - c. Any damage of the product due to shipment.
 - d. Removal or installation of the product.
 - e. Causes external to the product, such as electrical power fluctuations or failure.
 - f. Use of supplies or parts not meeting **ViewSonic's** specifications.
 - g. Normal wear and tear.
 - h. Any other cause which does not relate to a product defect.
3. Removal, installation, and set-up service charges.

How to get service:

1. For information about receiving service under warranty, contact **ViewSonic Customer Support**. You will need to provide your product's serial number.
2. To obtain service under warranty, you will be required to provide (a) the original dated sales slip, your name, (c) your address, (d) a description of the problem, and (e) the serial number of the product.
3. Take or ship the product freight prepaid in the original container to an authorized **ViewSonic** service center or **ViewSonic**.
4. For additional information or the name of the nearest **ViewSonic** service center, contact **ViewSonic**.

Limitation of implied warranties:

THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, WHICH EXTEND BEYOND THE DESCRIPTION CONTAINED HEREIN INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Exclusion of damages:

VIEWSONIC'S LIABILITY IS LIMITED TO THE COST OF REPAIR OR REPLACEMENT OF THE PRODUCT. VIEWSONIC SHALL NOT BE LIABLE FOR:

1. DAMAGE TO OTHER PROPERTY CAUSED BY ANY DEFECTS IN THE PRODUCT, DAMAGES BASED UPON INCONVENIENCE, LOSS OF USE OF THE PRODUCT, LOSS OF TIME, LOSS OF PROFITS, LOSS OF BUSINESS OPPORTUNITY, LOSS OF GOODWILL, INTERFERENCE WITH BUSINESS RELATIONSHIPS, OR OTHER COMMERCIAL LOSS, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.
2. ANY OTHER DAMAGES, WHETHER INCIDENTAL, CONSEQUENTIAL OR OTHERWISE.
3. ANY CLAIM AGAINST THE CUSTOMER BY ANY OTHER PARTY.

Effect of state law:

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow limitations on implied warranties and/or do not allow the exclusion of incidental or consequential damages, so the above limitations and exclusions may not apply to you.

Sales outside the U.S.A. and Canada:

For warranty information and service on **ViewSonic** products sold outside of the U.S.A. and Canada, contact **ViewSonic** or your local **ViewSonic** dealer.

ViewSonic LCD MM Warranty (V1.0)

Release Date: 12-17-2002

Appendix

Safety Guidelines

Warning: This device must be operated with the original power supply, part number: ADP-60WB.

CAUTION: The socket-outlet should be installed near the equipment and should be easily accessible.

CAUTION: Use a power cable that is properly grounded. Always use the appropriate AC cord that is certified for the individual country. Some examples are listed below:

USA.....UL	Switzerland SEV
Canada.....CSA	Britain BASE/BS
Germany.....VDE	Japan Electric Appliance Control Act

IMPORTANT NOTICE CONCERNING POWER CORD SELECTION

The power cord set for this unit has been enclosed and has been selected according to the country of destination and must be used to prevent electric shock. Use the following guidelines if it is necessary to replace the original cord set, or if the cord set is not enclosed.

The female receptacle of the cord set must meet IEC-60320 requirements and may look like (Figure A1 below):



For the United States and Canada

In the United States and Canada the male plug is a NEMA5-15 style (Figure A2), UL Listed, and CSA Labeled. For units which are mounted on a desk or table, type SVT or SJT cord sets may be used. For units which sit on the floor, only SJT type cord sets may be used. The cord set must be selected according to the current rating for your unit. Please consult the table below for the selection criteria for power cords used in the United States and Canada.

Cord Type	Size of Conductors in Cord	Maximum Current Rating of Unit
SJT	18 AWG	10 Amps
	16 AWG	12 Amps
	14 AWG	12 Amps
SVT	18 AWG	10 Amps
	17 AWG	12 Amps

For European Countries

In Europe you must use a cord set which is appropriate for the receptacles in your country. The cord set is HARCertified, and a special mark that will appear on the outer sheath, or on the insulation of one of the inner conductors.

AC PLUG CORD PRECAUTIONS FOR THE UNITED KINGDOM

FOR YOUR SAFETY PLEASE READ THE FOLLOWING TEXT CAREFULLY.

IF THE FITTED MOULDED PLUG IS UNSUITABLE FOR THE SOCKET OUTLET THEN THE PLUG SHOULD BE CUT OFF AND DISPOSED OF SAFELY.

THERE IS A DANGER OF SEVERE ELECTRICAL SHOCK IF THE CUT OFF PLUG IS INSERTED INTO AN APPROPRIATE SOCKET.

If a new plug is to be fitted, please observe the wiring code as shown below.

If in any doubt, please consult a qualified electrician.

WARNING: THIS APPLIANCE MUST BE EARTHED.

IMPORTANT: The wires in this mains lead are coloured in accordance with the following code:

Green-and-Yellow: Earth
Blue: Neutral
Brown: Live

If the coloured wires of the mains lead of this appliance do not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured GREEN-AND-YELLOW must be connected to the terminal in the plug which is marked by the letter E or by the Earth symbol or coloured GREEN or GREEN-AND-YELLOW.

The wire which is coloured BLUE must be connected to the terminal in the plug which is marked with the letter N or coloured BLACK. The wire which is coloured BROWN must be connected to the terminal in the plug which is marked with the letter L or coloured RED.

If you have any questions concerning which proper power cord to use, please consult with the dealer from whom you have purchased the product.

Compliance Information for U.S.A.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Warning

To assure continued FCC compliance, the user must use grounded power supply cord and the provided shielded video interface cable with bonded ferrite cores. If a BNC cable is going to be used, use only a shielded BNC(5) cable. Also, any unauthorized changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

CE Conformity for Europe



The device complies with the requirements of the EEC directive 89/336/EEC as amended by 92/31/EEC and 93/68/EEC Art.5 with regard to "Electromagnetic compatibility," and 73/23/EEC as amended by 93/68/EEC Art.13 with regard to "Safety."



ViewSonic Corporation